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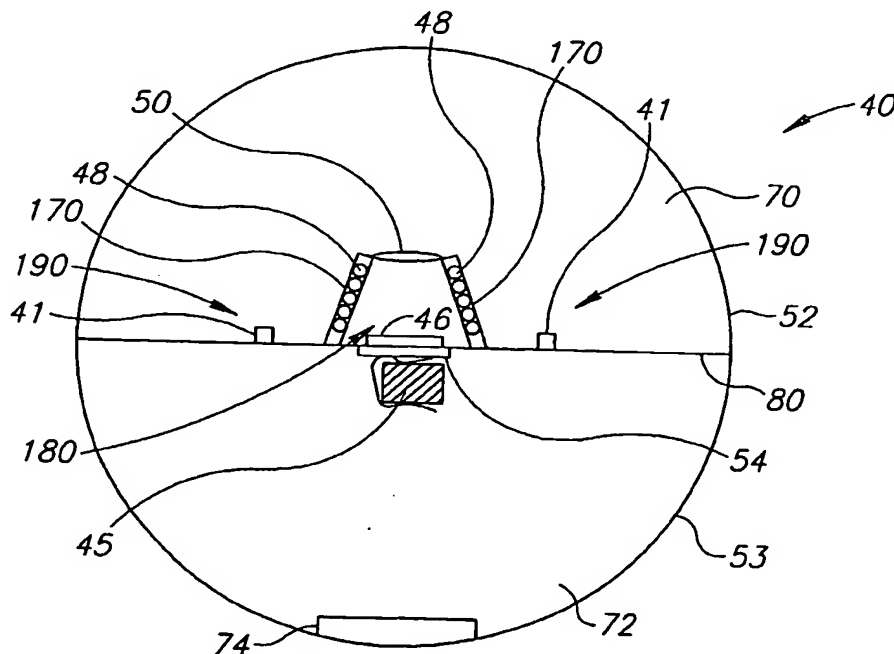
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(54) Title: **IN VIVO IMAGING DEVICE AND METHOD OF MANUFACTURE THEREOF**



(57) Abstract: A substantially spherical in vivo imaging device (40) may be used for imaging body lumens in the GI tract. The imaging device (40) may include for example a ballast or weight (74) for setting a preferred orientation of the device within the body lumen. The substantially spherical shape (52) of the in vivo imaging device (40) may facilitate capturing steady streams of imaging data in large body lumens. A method of manufacture is presented.